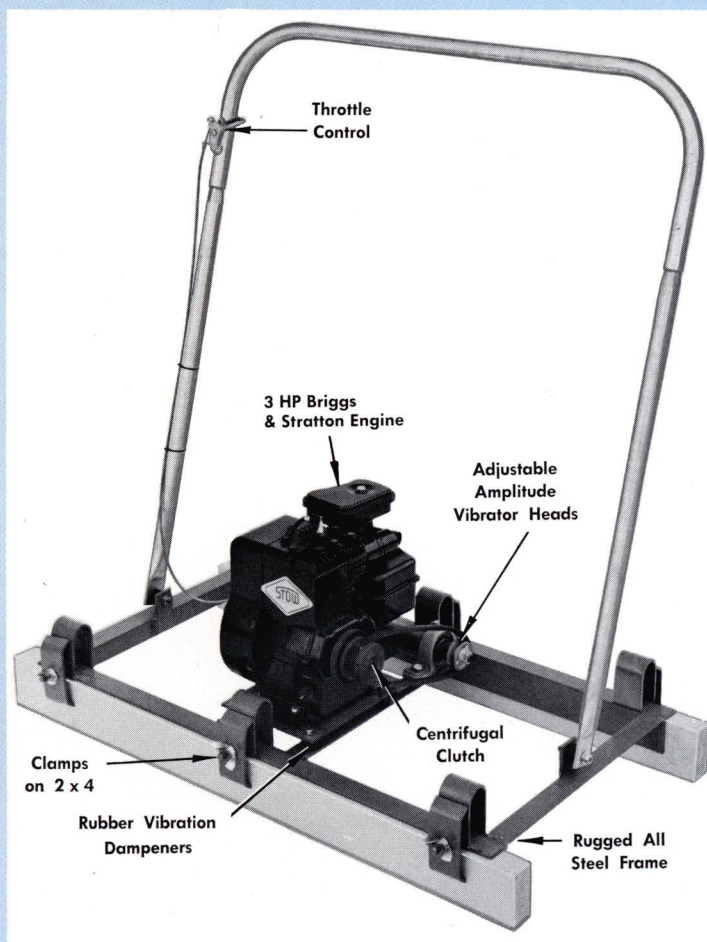


NEW 3 HP PORTO-SCREED

ONE-MAN ADJUSTABLE AMPLITUDE TWIN-BEAM VIBRATING SCREED

STRIKES OFF CONCRETE SLABS



- IDEAL FOR SIDEWALKS, DRIVEWAYS, FLOORS, PATIOS
- TWIN-BEAM . . . THE ASSEMBLY CLAMPS ON TO TWO 2 x 4'S
- LIKE MAKING TWO PASSES AT ONCE
- STRIKES OFF AND VIBRATES AT SAME TIME
- LIGHT IN WEIGHT . . . EASILY PORTABLE
- ADJUSTABLE AMPLITUDE



The Stow Porto-Screed now makes the vibration screeding of short spans a one-man job. Considerably lower in cost than larger Stow screeds, the Stow Model PS assembly is designed for fastening to any length of 2 x 4's up to 14 ft. (for longer length beams, 2 x 6's are recommended).

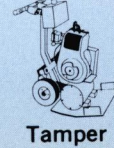
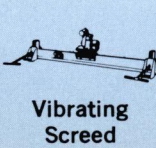
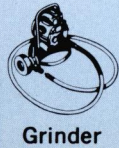
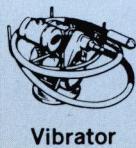
After the concrete mix is roughly shovel-leveled to the approximate height of the forms, the Stow Porto-Screed is simply pulled down the length of the slab by one man. There is no sawing action, just a steady 4300 V.P.M. vibrating action that brings the fines to the surface. The speed of the vibrations and the amplitude with which they're delivered results in an excellent job of striking off and vibrating the concrete slab. The same adjustable amplitude eccentric, as used on larger Stow screeds, makes it possible to get just the right amount of vibration to suit the particular conditions of the job. The amplitude of the vibration (or wallop) can be changed to fit the job requirement simply by turning the

eccentric on its axis and locking it in place. By putting two Porto-Screeds on one pair of beams, long screeds have been made successfully up to 32 feet long.

Power is provided by a 3 HP engine on rubber vibration dampening mounts. The specially designed handle can be adjusted to suit the height of the operator.

Rugged all-steel framework includes clamps for attaching to 2 x 4's. With a total weight of only 75 lbs., it can be easily carried to the job by one man. Available as optional! with 1 HP electric motor. Now, for even small jobs, the use of a vibrating screed makes it possible to pour and strike off a much stiffer mix, resulting in a stronger slab. For information on Stow's larger size screeds with rollers and Stow's double-flange screed, see complete Catalog 660.

Optional — Spacers are available that clamp on the ends of long 2 x 4's to hold them together.



HOW TO ADJUST AMPLITUDE ON



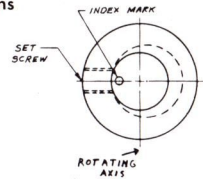
PORTO-SCREED

To adjust the Stow Porto-Screed for the exact amplitude of vibration required for a specific job, simply turn the eccentric on its axis. Adjustments should be made from left side, when facing the pulley. After turning the eccentric to the desired degree of amplitude, according to the markings on the pulley, lock in position by tightening the set screws. See sketches at right.

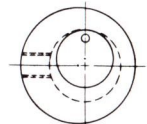
For information on Stow's larger screeds, see complete catalog.

Eccentric weight in 3 different positions with respect to rotating axis.

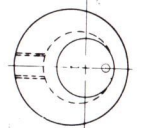
Low Amplitude
Index at Screw



Medium Amplitude
Index 90° from Screw



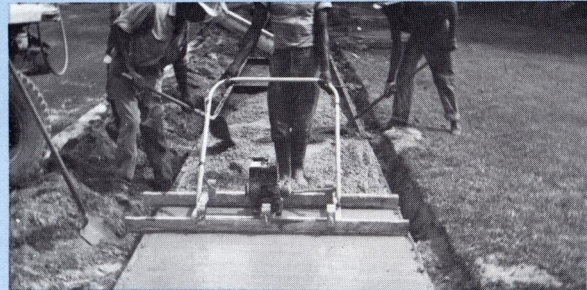
High Amplitude
Index 180° from Screw



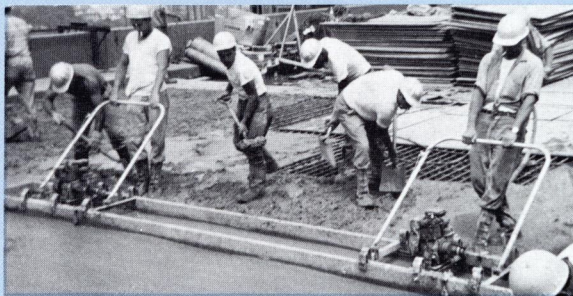
PORTO-SCREEDS ON THE JOB



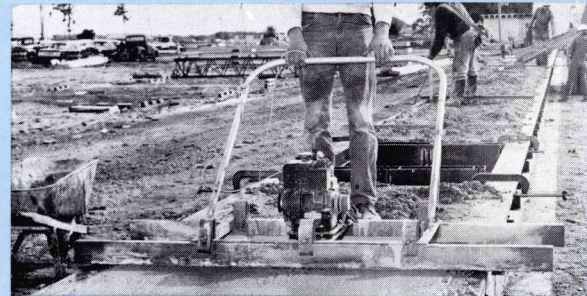
Used with 10-foot underslung beam . . . struck off 10' x 30' slabs in 20 minutes.



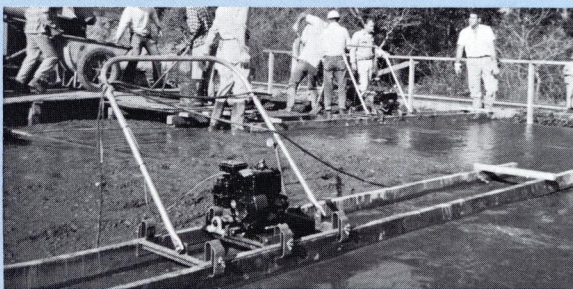
Used on sidewalks. . . contractor estimated he saved 50% of finishing cost.



Two Porto-Screeds mounted on 28-foot aluminum beams strike off the Verizanno Narrows Bridge, the longest bridge in the world.



Used on double T prestress beam.



Two Porto-Screeds with 20-foot beams used on 35-foot wide bridge deck.



Two Porto-Screeds, mounted on 25-foot beam made from roof trusses, cut finishing time by 50%.